EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 11323279
PUBLICATION DATE : 26-11-99

APPLICATION DATE : 08-05-98
APPLICATION NUMBER : 10126003

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INT.CL. : C09J 11/08 C09J123/04 C09J191/06 C09J201/00

TITLE : WAX FOR HOT-MELT ADHESIVE AND HOT-MELT ADHESIVE COMPOSITION

ABSTRACT : PROBLEM TO BE SOLVED: To obtain a wax for a hot-melt adhesive having excellent heat- resistance adhesive while excellently maintaining cold-proof adhesion and low melt viscosity, useful in the field of book binding, by mixing a specific hot-melt adhesive with a synthetic wax.

SOLUTION: This wax is obtained by mixing a hot-melt adhesive comprising preferably 100 pts.wt. of an ethylene-based copolymer and preferably 50-100 pts.wt. of a tackifier resin such as a rosin-based resin, etc., with preferably 2-100 pts.wt. of a synthetic wax such as Fischer-Tropsch wax or the like having 80-95°C melting point and the ratio of weight-average molecular weight (Mw)/ number-average molecular weight (Mn) of ≤1.1. In the Fisher-Tropsch wax, preferably the range of the number of carbons of fractions distilled fractionally, having ≥1% content is 30C to 70C.

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